



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140006

Mode: Highway

Status: Submitted

NC-28

From/Cross Street: US 74

Specific Improvement Type: 16 - Modernize Roadway

To: Macon County line

Project Category: Regional Impact

Length: 7.13

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$8,975,000

Description:

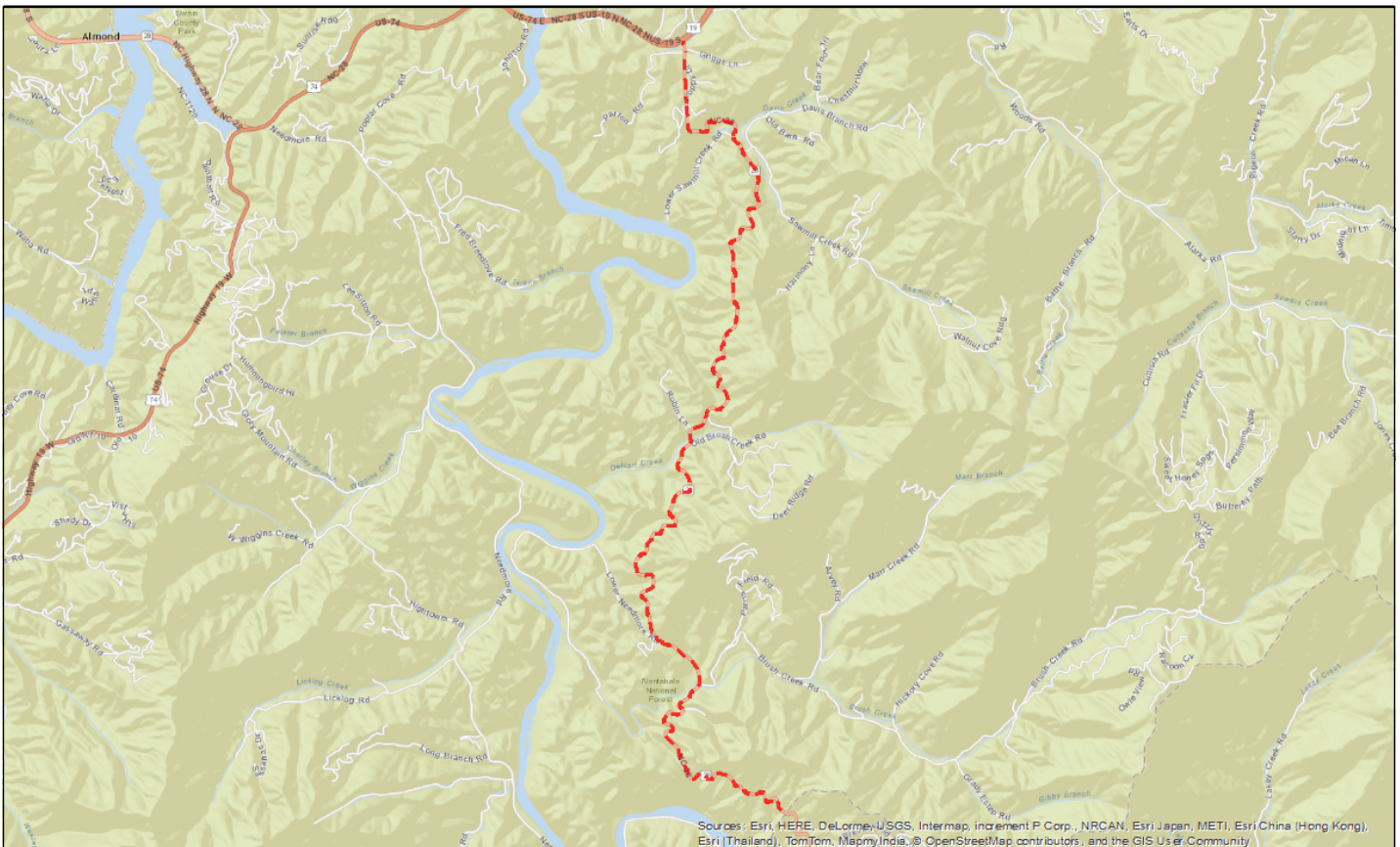
Upgrade roadway with safety improvements including guardrail, shoulder improvements, and paved pulloffs/turnouts

Division(s): Division 14

County(s): SWAIN, MACON

MPOS(s)/RPO(s): Southwestern RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 21.63

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 4.46	Percent: 15%	Percent: 15%
Safety (10%) 48.10	Points: 0	Points: 100
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 7.05		
Totals: Weight: 70% Weighted Score: 6.63		

Division Needs Total Score: 5.7

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 4.46	Percent: 25%	Percent: 25%
Safety (10%) 48.10	Points: 0	Points: 0
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 5.7		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	50
Length (miles):	7.13
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Mountainous
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	1046.73
Capacity:	15528.08
Volume/Capacity Ratio:	0.07
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	37.24
Crash Severity:	55.87
Critical Crash Rate:	51.21
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	48
Actual Congested Speed:	29
Travel Time Index:	1.9

Project Benefits

Project Cross-Section:	
Speed Limit:	50
Length (miles):	7.13
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
TerrainType:	Mountainous
DOT Design Lane Width:	11
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Southwestern RPO

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 14	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Southwestern RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$7,675,000	Cost Estimation Tool
Right-of-Way Cost:	\$900,000	TIP Unit
Utilities Cost:	\$400,000	TIP Unit
Total Project Cost:	\$8,975,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$8,975,000	